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Index Number	Filename for Production or Internet Address	Date
		2008
		2017
	D420285	5/16/2014
		2015

EX TO ADMINISTRATIVE RECORD

J.S. Environmental Protection Agency

ts from the Petition Response; References (16)

Document Description	Subject to Restrictions on Release Under FIFRA Section 10
Assessing Intermittent Pesticide Exposure from Flea Control Collars Containing the Organophosphorus Insecticide Tetrachlorvinphos, Journal of Exposure Science and Environmental Epidemiology, Davis, M. et al., v.18, 564-570	
Atwood, D., and S. Smearman. 2017. Alternatives Assessment for Tetrachlorvinphos (TCVP) (PC Code 083702) Impregnated Flea and Tick Collars on Dogs and Cats. Biological and Economic Analysis Division, Office of Pesticide Programs, U.S. EPA. 27 pp. Sept 15.	
Britton, W. 2014. Tetrachlorvinphos: Reevaluation of “HED’s Review of Determination of the Dislodgeability of Tetrachlorvinphos (TCVP) from the Fur of Dogs Following the Page 42 of 98 Application of an Insecticide Powder, Pump Spray or Aerosol; MRID 45485501. 5/16/14. D420285.	
Dryden, M. 2015. Mange in Dogs and Cats, In Merck Veterinary Manual.	

Is this document already in the
Petition Docket (EPA-HQ-OPP-2009-
0308)?

Available at
<https://www.regulations.gov/docket?D=EPA-HQ-OPP-2008-0316>. (Not in
EPA-HQ-OPP-2009-0308 docket)

Available at:
<https://www.merckvetmanual.com/integumentary-system/mange/mange-in-dogs-and-cats>

		5/7/2019
		2012
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	D436833	12/21/16 (signed) 12/29/2016 (posted)

Efficacy and Repellence of Ectoparasitocidal Treatments Against Ticks (<i>Dermacentor Variabilis</i> , <i>Ixodes Scapularis</i> , <i>Rhipicephalus Sanguineus</i>), Fleas (<i>Ctenocephalides Felis</i>) and Mosquitos (<i>Aedes Aegypti</i>) on Dogs. May 7, 2019. Table 4 (p. 37 – 39).	
Kline and Company. 2012. Consumer Markets for Pesticides and Fertilizers 2011. [Accessed June 2020.]	
Non-Agricultural Market Research (Proprietary) Data. 2016. Studies conducted and sold by a consulting and research firm. Report on consumer pesticide usage. [Accessed June 2020.]	
Non-Agricultural Market Research (Proprietary) Data. 2019. Personal communication with C. Doucoure. Email dated 6/11/2020	
U.S. EPA. 2011. Exposure Factors Handbook: 2011 Edition, Table 18-1.	
U.S. EPA. 2012. Standard Operating Procedures for Residential Pesticide Exposure Assessment.	
U.S. EPA. 2015. Tetrachlorvinphos (TCVP): Responses to Arguments Presented in the Natural Resources Defense Council, Inc.'s (NRDC) Aug. 5, 2015 Opening Brief in NRDC v. EPA, Case No. 15-70025 (9th Cir.)	
U.S. EPA. 2016. Tetrachlorvinphos: Final Occupational and Residential Exposure Assessment for Registration Review.	

Available at https://www.epa.gov/sites/production/files/2015-09/documents/efh-chapter18.pdf
Available at https://www.epa.gov/sites/production/files/2015-08/documents/usepa-opp-hedresidentialsopsoct2012.pdf
Available at https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0054

	D436834	12/21/16 (signed) 12/29/2016 (posted)
	D458466	2020
	D457031	2020
		2018

U.S. EPA. 2017. Tetrachlorvinphos (TCVP) Revised Human Health Risk Assessment for Registration Review.	
U.S. EPA 2020. Tetrachlorvinphos: Addendum to the Revised Residential Exposure and Risk Assessment for the Registered Pet Product Uses.	
U.S. EPA. 2020. Tetrachlorvinphos: Revised Residential Exposure and Risk Assessment for the Registered Pet Product Uses and the addendum “Tetrachlorvinphos: Addendum to the Revised Residential Exposure and Risk Assessment for the Registered Pet Product Uses.	
Ward, E. and A. Panning, 2018. “Sarcoptic Mange in Dogs.” Veterinary Centers of America (VCA) Hospitals, 2018.	

Available at
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0055>

Available at
<https://www.regulations.gov/docket?D=EPA-HQ-OPP-2008-0316>

Available at
<https://www.regulations.gov/docket?D=EPA-HQ-OPP-2008-0316>

Available at:
<https://vcahospitals.com/know-your-pet/mange-sarcoptic-in-dogs>

Petition page #	Document
7	2006 TCVP Reregistration Eligibility Decision (RED).
7	Interim Tolerance Reassessment Eligibility Decision (TRED)2 for TCVP
7	1993 residential exposure assessment in support of the TRED
7	OP cumulative risk assessment
8	A Generic Data Call-In (GDCI) was issued December 29, 2009
8	Tetrachlorovinphos, PC Code 083701, DP Barcode 346880: Summary of Pet Collar Risk Estimates
8	Updated TCVP assessment on the pet uses on November 5, 2014, Residential Exposure Assessment in Response to the Natural Resources Defense Council Petition to Cancel All Pet Uses for Tetrachlorvinphos ("2014 Pet Products Assessment"),
8	Study (January 2016?) Assessing Intermittent Pesticide Exposure from Flea Control Collars Containing the Organophosphorus Insecticide Tetrachlorvinphos, Journal of Exposure Science and Environmental Epidemiology, Davis, M. et al., v.18, 564-570 (2008)) ("Davis Study")
9	TCVP Revised Human Health Risk Assessment for Registration Review, dated December 21, 2016
9	Data Call-In (DCI) to Hartz on June 3, 2019
9	Hartz submitted study, August 28, 2019. (DER may be already in the docket)
10	NRDC's April 2009 "Issue Paper" entitled "Poisons on Pets II: Toxic Chemicals in Flea and Tick Collars,"
10	Response to Comments for substantive comments received during that public comment period in 2009 and
11	(June 25, 2009) NRDC response letter
11	EPA's rules in 40 CFR Part 26, "Protection of Human Subjects
12	TCVP Human Health Risk Assessment on December 21, 2016 (posted to the docket on December 29, 2016).
13	Hartz submitted transfer residue data (along with the aforementioned study) August 28, 2019. DER may already be in docket
14	Additional Hartz studies: MRID 50881801/ D453149
14	Additional Hartz studies: MRID 50931601/ D454190)

Location/Notes

completed in September 1995.

[https://www.regulations.gov/document?](https://www.regulations.gov/document?D=EPA-HQ-OPP-2002-0295-0012)

[D=EPA-HQ-OPP-2002-0295-0012.](https://www.regulations.gov/document?D=EPA-HQ-OPP-2002-0295-0012)

[https://www.regulations.gov/document?](https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0010)

[D=EPA-HQ-OPP-2008-0316-0010.](https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0010)

[https://www.regulations.gov/document?](https://www.regulations.gov/document?D=EPA-HQ-OPP-2006-0618-0002)

[D=EPA-HQ-OPP-2006-0618-0002.](https://www.regulations.gov/document?D=EPA-HQ-OPP-2006-0618-0002)

in the docket, can provide later

The second DCI for this reregistration
review case, also in the docket

Keep or delete?

[https://www.regulations.gov/document?](https://www.regulations.gov/document?D=EPA-HQ-OPP-2009-0308-0012)

[D=EPA-HQ-OPP-2009-0308-0012 .](https://www.regulations.gov/document?D=EPA-HQ-OPP-2009-0308-0012)

[https://www.regulations.gov/document?](https://www.regulations.gov/document?D=EPA-HQ-OPP-2009-0308-0006)

[D=EPA-HQ-OPP-2009-0308-0006.](https://www.regulations.gov/document?D=EPA-HQ-OPP-2009-0308-0006)

[https://www.regulations.gov/document?](https://www.regulations.gov/document?D=EPA-HQ-OPP-2009-0308-0007)

[D=EPA-HQ-OPP-2009-0308-0007.](https://www.regulations.gov/document?D=EPA-HQ-OPP-2009-0308-0007)

[https://www.regulations.gov/document?](https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0055)

[D=EPA-HQ-OPP-2008-0316-0055.](https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0055)

Available at

[https://www.regulations.gov/document?](https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0083)

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[https://www.regulations.gov/document?](https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0084)

[D=EPA-HQ-OPP-2008-0316-0084.](https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0084)

D453149. TCVP: Review and Summary of
Residue Transfer Studies Submitted. MRID
50881801.

DER may already be in the
docket

MRID 50931601. D454190. Submitted in
response to GDCI-083702-1791.

DER may already be in the
docket

14 The Agency's 2012 SOPs for Residential Pesticide Exposure Assessment

17 2016 TCVP Occupational and Residential Exposure (ORE) assessment

17 EPA's 2012 Residential SOPs

17 MRID 45519601: Chemical-specific unit exposure data were provided in support of the residential handler risk assessment for the dust/powder formulations only

18 The study, "Determination of Dermal and Inhalation Exposures to Tetrachlorovinphos (TCVP) During the Application of an Insecticide Powder to a Dog"

19 Life expectancy values are from the Exposure Factors Handbook 2011 Edition Table 18-1.

20 The data provided (from MRID 51079501) is from a 7-month efficacy study in dogs

20 The TC concept is a long-standing established approach used to estimate residential, as well as occupational exposures, and is the basis for the Agency's post-application exposure guidelines.

22 MRID 45485501. 5/16/14. D420285.

22 In 2014, in support of the Agency's response to the NRDC Petition, the (Davis??) study was reevaluated based on current standards of conduct for pet residue transfer studies

28 Atwood, D., and S. Smearman. 2017. Alternatives Assessment for Tetrachlorovinphos (TCVP) (PC Code 083702) Impregnated Flea and Tick Collars on Dogs and Cats. Biological and Economic Analysis Division, Office of Pesticide Programs, U.S. EPA. 27 pp. Sept 15.

<https://www.epa.gov/sites/production/files/2015-08/documents/usepa-opp-hedresidentialsopt2012.pdf>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0054>

<http://www.epa.gov/pesticide-science-and-assessing-pesticide-risks/standard-operating-procedures-residential-pesticide>

Will OGC also need DER?

previously reviewed by the Agency in January 2002 and determined to be acceptable, and the data were reflected in the TRED for TCVP in 2002.

<https://www.epa.gov/sites/production/files/2015-09/documents/efh-chapter18.pdf>

MRID 51079501. Efficacy and Repellence of Ectoparasiticide Treatments Against Ticks (*Dermacentor Variabilis*, *Ixodes Scapularis*, *Rhipicephalus Sanguineus*), Fleas (*Ctenocephalides Felis*) and Mosquitos (*Aedes Aegypti*) on Dogs. May 7, 2019. Table 4 (p. 37 – 39).

Will OGC also need the DER?

<http://www.ecfr.gov/cgi-bin/text-idx?SID=6bfd4539761be8d5b20dfbf6bc19b9d0&node=40:25.0.1.1.9.9&rgn=div6>

Will OGC also need the DER?

Britton, W. 2014. Tetrachlorvinphos: Reevaluation of "HED's Review of Determination of the Dislodgeability of Tetrachlorvinphos (TCVP) from the Fur of Dogs Following the Application of an Insecticide Powder, Pump Spray or Aerosol; MRID 45485501. 5/16/14. D420285.

<https://www.regulations.gov/docket?D=EPA-HQ-OPP-2008-0316>

31 Kline and Company. 2012. Consumer Markets for Pesticides and Fertilizers
2011. [Accessed June 2020.]

Additional information available at
34 [https://yosemite.epa.gov/oarm/alj/ALJWebDocketnsf/Filings-and-Attachments/AD03ABD1E46C104685257D6300739B49/\\$File/Reckitt14-08-07orderonjointmotiointodismiss.pdf](https://yosemite.epa.gov/oarm/alj/ALJWebDocketnsf/Filings-and-Attachments/AD03ABD1E46C104685257D6300739B49/$File/Reckitt14-08-07orderonjointmotiointodismiss.pdf) ; and
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2013-0049-0012>

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Dryden, M. 2015. Mange in Dogs and Cats, In Merck Veterinary Manual.	

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Non-Agricultural Market Research (Proprietary) Data. 2019. Personal communication with C. Doucoure. Email dated 6/11/2020	
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U.S. EPA. 2015. Tetrachlorvinphos (TCVP): Responses to Arguments Presented in the Natural Resources Defense Council, Inc.'s (NRDC) Aug. 5, 2015 Opening Brief in NRDC v. EPA, Case No. 15-70025 (9th Cir.)	
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Available at https://www.epa.gov/sites/production/files/2015-08/documents/usepa-opp-hedresidentialsopsoct2012.pdf
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	D436834	12/21/16 (signed) 12/29/2016 (posted)
	D458466	2020
	D457031	2020
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Ward, E. and A. Panning, 2018. “Sarcoptic Mange in Dogs.” Veterinary Centers of America (VCA) Hospitals, 2018.	

Available at
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0055>

Available at
<https://www.regulations.gov/docket?D=EPA-HQ-OPP-2008-0316>

Available at
<https://www.regulations.gov/docket?D=EPA-HQ-OPP-2008-0316>

Available at:
<https://vcahospitals.com/know-your-pet/mange-sarcoptic-in-dogs>

Docket ID
EPA-HQ-OPP-2009-0308

Document Title

4/23/09 - NRDC Petition to Cancel all Tetrachlorvinphos (TCVP) Pet Uses
Appendix A: Tetrachlorvinphos Response to Comments Submitted in Response to the Natural Resources Defense Council
Agency Response to the Natural Resources Defense Council's (NRDC) April 2009 Tetrachlorvinphos Petition
Tetrachlorvinphos (TCVP): Responses to Arguments Presented in the Natural Resources Defense Council, Inc.'s (NRDC) April
8/7/2009 - EPA Response to NRDC's Letter Regarding the "Poison on Pets II" Report
Tetrachlorvinphos: Occupational & Residential Exposure Assessment for Registration Review
Comment submitted by Sue Farinato, Humane Society of the United States
06/25/09. NRDC Response to Letter from EPA regarding Receipt of Tetrachlorvinphos and Propoxur Petitions and Poison
Appendix B: Tetrachlorvinphos: Residential Exposure Assessment in Response to the Natural Resources Defense Council
Mass Comment Campaign entitled "Ban Tetrachlorvinphos and Propoxur in Pet Products" by Natural Resources Defense
Petition Requesting Cancellation of all Tetrachlorvinphos Pet Uses and Extension of Comment Period for Petition Request
Agency Response to Tetrachlorvinphos and Propoxur Petitions and Poison on Pets II Issue Paper
Response to Natural Resources Defense Council's April 23, 2009, Petition Requesting Cancellation of All Pet Uses of Tetra
Tetrachlorvinphos (TCVP) Human Health Draft Risk Assessment (DRA) for Registration Review
Literature Review on Neurodevelopment Effects & FQPA Safety Factor Determination for the Organophosphate Pesticide

Docket Title
NRDC Petition Requesting Cancellation of all Tetrachlorvinphos (TCVP) Pet Uses

Agency
EPA

Document Type	Attachment Count
SUPPORTING & RELATED MATERIALS	N/A
SUPPORTING & RELATED MATERIALS	N/A
SUPPORTING & RELATED MATERIALS	N/A
SUPPORTING & RELATED MATERIALS	N/A
SUPPORTING & RELATED MATERIALS	N/A
SUPPORTING & RELATED MATERIALS	N/A
PUBLIC SUBMISSIONS	1
SUPPORTING & RELATED MATERIALS	N/A
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PUBLIC SUBMISSIONS	1
NOTICES	N/A
SUPPORTING & RELATED MATERIALS	N/A
SUPPORTING & RELATED MATERIALS	N/A
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SUPPORTING & RELATED MATERIALS	N/A

Docket Type	Petition Number
Nonrulemaking	N/A

Submitter Last Name	Submitter First Name	Organization	Document ID	Posted Date
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0002	6/10/2009
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0012	11/6/2014
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0018	8/6/2020
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0014	12/30/2015
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0007	9/23/2009
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0015	12/30/2015
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0008	10/9/2009
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0006	9/23/2009
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0011	11/6/2014
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0009	10/14/2009
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N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0003	6/23/2009
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0010	11/6/2014
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0013	12/30/2015
N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0016	12/30/2015

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6/10/2009	N/A	N/A	N/A	N/A
11/6/2014	N/A	N/A	N/A	N/A
7/21/2020	N/A	N/A	N/A	N/A
12/23/2015	N/A	N/A	N/A	N/A
8/19/2009	N/A	N/A	N/A	N/A
12/23/2015	N/A	N/A	N/A	N/A
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7/7/2009	N/A	N/A	N/A	N/A
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11/6/2014	N/A	N/A	N/A	N/A
12/22/2015	N/A	N/A	N/A	N/A
12/23/2015	N/A	N/A	N/A	N/A

Related RINs	Document SubType
N/A	N/A
N/A	Comment Response
N/A	Petition
N/A	Comment Response
N/A	N/A
N/A	Risk Assessment
N/A	Public Comment
N/A	Letter, Memorandum, Email
N/A	Risk Assessment
N/A	Public Comment
N/A	N/A
N/A	Letter, Memorandum, Email
N/A	Letter
N/A	Risk Assessment
N/A	Publication - USEPA

Subject

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Tetrachlorvinphos (TCVP): Responses to Arguments Presented in the Natural Resources Defense Council, Inc.'s (NRDC) At
N/A

Tetrachlorvinphos: Occupational and Residential Exposure Assessment for Registration Review

N/A

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Tetrachlorvinphos (TCVP) Human Health Draft Risk Assessment (DRA) for Registration Review

Literature Review on Neurodevelopment Effects & FQPA Safety Factor Determination for the Organophosphate Pesticide

Abstract

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This is a mass letter campaign . The comments recieved under this campaign are identical or nearly identical in content :

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Posted	N/A	N/A	N/A	N/A	N/A
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Requests To Voluntarily Cancel Certain Pesticide Registrations and Amend Registrations To Terminate Certain Uses: Tetr
Comment submitted by The Humane Society of the United States
Comment submitted Hartz Mountain Corporation

NOTICES
PUBLIC SUBMISSIONS
PUBLIC SUBMISSIONS

N/A
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N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0017	8/6/2020
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N/A	N/A	N/A	EPA-HQ-OPP-2009-0308-0004	8/5/2009

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Federal Register for Thursday, August 6, 2020 (85 FR 47791)

(FRLâ€‘10012â€‘80) EPAâ€‘HQâ€‘OPPâ€‘2009â€‘0308;

Tetrachlorvinphos; Notice of Receipt
of Requests to Voluntarily Cancel
Certain Pesticide Registrations and
Amend Registrations To Terminate
Certain Uses

N/A

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Posted	N/A	N/A		85	2020-17114	47791 - 47793
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Docket ID
EPA-HQ-OPP-2008-0316

Document Title

Comment submitted by William Malhburg, FIFRA Endangered Species Task Force

Tetrachlorvinphos: Animal Incident Summary - 2/3/09

TCVP: Data Evaluation Record for the Study "Determination of TCVP and DCA Residues Released from Hartz Flea and Pesticide Registration Review; New Dockets Opened for Review and Comment; Closure of the Phosalone Registration Review"
Anonymous public comment

TCVP Review of Residue Transfer Studies

Reader's Guide to the Tetrachlorvinphos Docket# EPA-HQ-OPP-2008-0316

Comment submitted by Curt Lunchick and Bruce Young, Bayer CropScience

Comment submitted by Scott Hathorn III and Gary L. Eilrich, Ph.D., KMG Bernuth, Inc.

9/08/10 - Transmittal document for Agency response to Generic Data Call-In comments

Tetrachlorvinphos: Environmental Fate and Effects Problem Formulation Document "Supporting Document A (June 5, 2008)"
Anonymous public comment

6/7/11. TCVP Immunotoxicity Study Conference Call Meeting Notes

Tetrachlorvinphos (TCVP) Human Health Draft Risk Assessment (DRA) for Registration Review

Comment submitted by Scott Hathorn II, KMG-Bernuth, Inc

Comments to EPA's "Environmental Fate and Ecological Risk Assessment for the Registration Review of Tetrachlorvinphos"

Tetrachlorvinphos (TCVP) Health Effects Division Response to Comments on the December 21, 2015 Draft Human Health

Comment submitted by Miriam Rotkin-Ellman, Senior Scientist, Natural Resources Defense Council (NRDC)

Comment Submitted by Douglas Spilker Ph.D., Manager, EPA Regulatory Affairs, Bayer Animal Health

7/20/10. Tetrachlorvinphos: Response to Comments and Waiver Requests regarding the Generic Data Call-In for the Registration Review
Updated Literature Review on Neurodevelopment Effects and FQPA Safety Factor Determination for the Organophosphorus
Tetrachlorvinphos Addendum to the Revised Residential Exposure and Risk Assessment for the Registered Pet Product U
Organophosphates: Response to Endocrine Disruptor Screening Program (EDSP) Comments on the Preliminary Organophosphorus
Proposal to Rely on Data from Human Research on TCVP Exposure from Flea Control Collars: Tetrachlorvinphos

Comment submitted by Douglas A. Spilker, Ph.D., Bayer HealthCare

Tetrachlorvinphos: Health Effects Scoping Document Supporting - Document B (May 9, 2008)

Tetrachlorvinphos (TCVP) Pre-publication Announcement

Comment submitted by Sheryl H. Kunickis, Director, Office of Pest Management Policy, US Department of Agriculture

5/26/11 - Review of Protocol Titled "Dissipation of Tetrachlorvinphos (TCVP) and Its Metabolites in Manure from Beef Cattle"

11/2/10 - EPA Meeting with Tetrachlorvinphos Registrants to discuss Registration Review Generic Data Requirement Waiver
Appendix A.1: Surface Area Values from the Exposure Factors Handbook - 1997

EEB RED Science Chapter for Tetrachlorvinphos (July 19, 1994)

Appendix A. Consideration of Legally Working Children in Pesticide Exposure Assessment

Addendum to the HED Human Health Risk Assessment for the IRED (April 05, 2002)

Tetrachlorvinphos: Final Occupational and Residential Exposure Assessment for Registration Review

Comment submitted by Jeffrey H. Driver, Hartz Mountain Corporation

CropLife America (CLA) Petition to EPA to "Halt Regulatory Decisions that are Highly Influenced/Determined by Results of
Summary reviews for Additional Epidemiological Literature Studies on Organophosphates"

EPA Letter to NRDC re: Petition Requesting Cancellation of All Pet Uses of TCVP, dated March 21, 2017

Appendix A.3: Statistical Methods Used in Farm Worker Monitoring Data

Docket Title
Tetrachlorvinphos (TCVP): Registration Review Docket

Agency
EPA

Docket Type
Nonrulemaking

Document Type	Attachment Count	Submitter Last Name
PUBLIC SUBMISSIONS		1 N/A
SUPPORTING & RELATED MATERIALS	N/A	N/A
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NOTICES	N/A	N/A
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Petition Number

N/A

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N/A	N/A	EPA-HQ-OPP-2008-0316-0083	2/28/2020	2/19/2020
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Subject

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Tetrachlorvinphos (TCVP) Human Health Draft Risk Assessment (DRA) for Registration Review

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Bayer HealthCare LLC, Animal Health submitted comments to EPA's Environmental Fate and Ecological Risk Assessment f

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<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0070>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0082>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0066>

Human Health and Ecological Risk Assessments: Tetrachlorvinphos Registration Review

10/22/08 - EFED Response to Comments on the Registration Review Preliminary Problem Formulation for the Ecological

8/03/10 - Tetrachlorvinphos (TCVP) Response to TCVP TF proposal to waive requirement for a 28-day inhalation study

3/14/11 - Tetrachlorvinphos: Response to Waiver Requests Regarding the Generic Data Call-In for the Registration Review

Alternatives Assessment for Tetrachlorvinphos (TCVP) Impregnated Flea and Tick Collars on Dogs and Cats

Organophosphates: Response to Dietary-Related Comments on the Preliminary Organophosphate Human Health Risk As

3/08/11 - Agency response to Tetrachlorvinphos Task Force's Multi-study Time Extension Request

Tetrachlorvinphos RED Candidate - EFGWB Science Chapter (June 27, 1994)

Tetrachlorvinphos: Occupational and Residential Exposure Assessment for Registration Review

Gardona (cis-isomer) Generic Data Call In (GDCI-083702-1011)

Agency Response to the Natural Resources Defense Council's (NRDC) April 2009 Tetrachlorvinphos Petition

Anonymous public comment

Tetrachlorvinphos: California Department of Pesticide Regulation usage data (August 08, 2007)

Summary Reviews from September 2015 Epidemiological Literature Review for Organophosphates

Tetrachlorvinphos: Revised Residential Exposure and Risk Assessment for the Registered Pet Product Uses

NOTICES	N/A	N/A
SUPPORTING & RELATED MATERIALS	N/A	N/A
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N/A	N/A	EPA-HQ-OPP-2008-0316-0069	5/25/2017	1/6/2017
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Risk Assessment

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Tetrachlorvinphos: Occupational and Residential Exposure Assessment for Registration Review

N/A
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Tetrachlorvinphos Revised Residential Exposure and Risk Assessment

Federal Register for Wednesday, January 20, 2016 (81 FR 3128)
(FRLâ€‘9940â€‘81) EPAâ€‘HQâ€‘OPPâ€‘2008â€‘0316
Tetrachlorvinphos Registration Review; Draft Human Health and
Ecological Risk Assessment; Notice of Availability

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<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0021>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0024>
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<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0085>

Request to Voluntarily Cancel Certain Pesticide Registrations: Tetrachlorvinphos

Gardona (cis-isomer) Generic Data Call In (GDCI-083702-845)

12/6/11- EPA Review and Response to a Second Time Extension Request for submission of required data from the Tetrachlorvinphos (TCVP) Data from Human Research on TCVP Exposure from Pet Collars
EPA Reliance on Tetrachlorvinphos (TCVP) Data from Human Research on TCVP Exposure from Pet Collars

Tetrachlorvinphos (TCVP). Revised Acute, Steady State, and Cancer Aggregate Dietary (Food and Drinking Water) Exposure

5/26/11 - Tetrachlorvinphos (TCVP): Protocol review of a Combined 28 Day Toxicity and Immunotoxicity Study of Tetrachlorvinphos (TCVP)

Comment submitted by W. Lance H. Hemsarh, Senior Director, The Hartz Mountain Corporation

Tetrachlorvinphos (TCVP) Revised Human Health Risk Assessment for Registration Review

Tetrachlorvinphos Data Evaluation Records (DERs) for EDSP Tier 1 Assays

TCVP: Responses to Arguments Presented in the NRDC's Aug. 5, 2015 Opening Brief in NRDC v. EPA, Case No. 15-70025 (USDC, SDNY)
Appendix A.2: Summarized Exposure Data

Comment submitted by Stephanie M. Parent, Senior Attorney and Nathan Donley, Staff Scientist, Environmental Health Foundation
Office of Pesticide Programs'™ Framework for Incorporating Human Epidemiologic & Incident Data in Risk Assessments

Comment submitted by Natural Resources Defense Council (NRDC)

Anonymous public comment

NOTICES	N/A	N/A
SUPPORTING & RELATED MATERIALS	N/A	N/A
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Risk Assessment
Evaluation
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Publication - USEPA
Company/Organization Comment
Publication - USEPA
Company/Organization Comment
Public Comment

N/A

N/A

N/A

N/A

EPA Reliance on Tetrachlorvinphos (TCVP) Data from Human Research on TCVP Exposure from Pet Collars

N/A

N/A

N/A

N/A

N/A

Tetrachlorvinphos (TCVP): Responses to Arguments Presented in the Natural Resources Defense Council, Inc.'s (NRDC

N/A

N/A

N/A

N/A

N/A

Federal Register for Tuesday, October 10, 2017 (82 FR 46985)
(FRLâ€‘9967â€‘71) EPAâ€‘HQâ€‘OPPâ€‘2008â€‘0316
Tetrachlorvinphos; Notice of Receipt of Request To Voluntarily Cancel
Certain Pesticide Registrations

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N/A

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Registration Reviews: Draft Human Health and/or Ecological Risk Assessment(s), and Final Tetrachlorvinphos Occupation
Response to Comments on the Preliminary Ecological Risk Assessment for Tetrachlorvinphos (TCVP)
Summary Reviews for Additional Epidemiological Literature Studies March 2016
Revised HED Risk Assessment (December 08, 1999)
3/30/11 - Transmittal document for Agency's response to the Hydrolysis study and Phosphate degradate of Manure Dissi
TCVP, Generic Data Call- in Notice GDCI-083702-1791 for composition of pet collar products, Hartz Mountain Corporatio
Residential Exposure Assessment in Response to NRDC Petition to Cancel All Pet Uses for TCVP, dated November 5, 2014
Comment submitted by Diana Post, Rachel Carson Council
Response to Comments for Public Comments Related to Applying the FQPA 10X Safety Factor for the Organophosphate F
Registration Review: Preliminary Environmental Fate and Ecological Risk Assessment Endangered Species Effects Determ
Tetrachlorvinphos: Registration Review Summary document (June 11, 2008)
Appendix A.4: Detailed Study Summaries and Statistical Analyses
TCVP Summary of Pet Collar Risk Estimates, dated February 22, 2010
11/26/08 - Tetrachlorvinphos Registration Review Final Work Plan (FWP)
11/14/11 - Tetrachlorvinphos: Response to Time Extension Request letter dated October 19, 2011 pertaining to the tetra
10/27/08 - Tetrachlorvinphos: Response to Public Comments on Preliminary Registration Review Workplan

NOTICES	N/A	N/A
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N/A	N/A	EPA-HQ-OPP-2008-0316-0079	9/10/2019	8/30/2019
N/A	N/A	EPA-HQ-OPP-2008-0316-0015	12/9/2008	12/2/2008
N/A	N/A	EPA-HQ-OPP-2008-0316-0029	12/16/2011	12/16/2011
N/A	N/A	EPA-HQ-OPP-2008-0316-0017	12/9/2008	12/2/2008

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N/A			N/A		N/A
N/A			N/A		N/A
N/A			N/A		N/A

N/A
Comment Response
Publication - USEPA
N/A
Comment Response
N/A
Risk Assessment
N/A
Comment Response
Risk Assessment
N/A
Publication - USEPA
N/A
N/A
Report
N/A

N/A
N/A
N/A
N/A
N/A
N/A
Residential Exposure Assessment in Response to the Natural Resources Defense Council Petition to Cancel All Pet Uses for
N/A
N/A
Registration Review: Preliminary Environmental Fate and Ecological Risk Assessment Endangered Species Effects Determination
N/A
N/A
Tetrachlorovinphos, PC Code 083701, DP Barcode 346880: Summary of Pet Collar Risk Estimates
N/A
N/A
N/A

Federal Register for Thursday, May 25, 2017 (82 FR 24117)
(FRLâ€‘9957) EPAâ€‘HQâ€‘OPPâ€‘2015â€‘0794;Registration Review; Draft Human
Health and/or Ecological Risk
Assessment(s), and Final
Tetrachlorvinphos Occupational and
Residential Exposure Risk
Assessment, and the Agencyâ€™s
Decision To Rely on Data From Human
Health Research; Notice of Availability

N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
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N/A

Posted	N/A	N/A		82 2017-10754	24117 - 24119
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N/A	N/A	N/A	N/A

<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0058>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0059>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0068>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0010>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0025>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0078>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0080>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0011>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0071>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0037>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0003>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0067>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0079>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0015>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0029>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0017>

Tetrachlorvinphos (TCVP) Weight of Evidence Analysis

SUPPORTING & RELATED MATERIALS

N/A

N/A

N/A

N/A

EPA-HQ-OPP-2008-0316-0033

8/18/2015

6/24/2015

N/A

N/A

N/A

N/A

N/A

Analysis

N/A

EDSP Weight of Evidence Conclusions on the Tier 1 Screening Assays for the
List 1 Chemicals

Posted N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

pdf

66 N/A

N/A

N/A

N/A

N/A

N/A

<https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0316-0033>